

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-79 (Cancelled).

80. (Previously presented) An acidic stock plant nutrient composition, which comprises:

a) one or more bivalent metallic sulfamate reaction products of sulfamic acid and one or more water-insoluble bivalent metallic macronutrient and/or micronutrient containing compounds, which reaction product is water-solution stable; and

b) phosphate salts or nitrate salts or both or phosphoric acid and/or nitric acid or both.

81. (Previously presented) The acidic stock plant nutrient composition of claim 80, which further comprises solution stable  $\text{Ca}^{+2}$  moieties;  $\text{Mg}^{+2}$  moieties; or  $\text{N}^{-3}$  moieties or a combination thereof.

82. (Cancelled)

83. (Cancelled)

84. (Cancelled)

85. (Cancelled)

86. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein the one or more bivalent metallic water-insoluble micronutrient and/or micronutrient-containing compounds are selected from the group consisting of a carborate, a hydroxide, a carbonate hydroxide, a hydroxide oxide, a metal, and a combination thereof.

87. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein the one or more bivalent metallic water-insoluble macronutrient and/or micronutrient-containing compounds are selected from the group consisting of a powdered micronutrient metal, a powdered macronutrient metal, Dolomite, Aragonite (Calcium Carbonate), Artinite (Hydrated Magnesium Carbonate Hydroxide), Aurichalcite (Zinc Copper Carbonate Hydroxide), Azurite (Copper Carbonate Hydroxide), Barringtonite (Hydrated Magnesium Carbonate), Baylissite (Hydrated Potassium Magnesium Carbonate), Brugnatellite (Hydrated Magnesium Iron Carbonate Hydroxide), Butschliite (Potassium Calcium Carbonate), Calcite (Calcium Carbonate), Gaspeite (Nickel Magnesium Iron Carbonate), Magnesite (Magnesium Carbonate), Rhodochrosite (Manganese Carbonate), Siderite (Iron Carbonate), Smithsonite (Zinc Carbonate), Ankerite (Calcium Iron Carbonate), Huntite (Calcium Magnesium Carbonate), Kutnohorite (Calcium Manganese Magnesium Iron Carbonate), Minrecordite (Calcium Zinc Carbonate), Norsethite (Barium Magnesium Carbonate), Fairchildite (Potassium Calcium Carbonate), Georgeite (Hydrated Copper Carbonate Hydroxide), Hellyerite (Hydrated Nickel Carbonate), Hydrozincite (Zinc Carbonate Hydroxide), Ikaite (Hydrated Calcium Carbonate), Kalicinite (Potassium Bicarbonate), Lansfordite (Hydrated Magnesium Carbonate), Loseyite (Manganese Zinc Carbonate Hydroxide), Malachite (Copper Carbonate Hydroxide), Monohydrocalcite (Hydrated Calcium Carbonate), Nesquehonite (Hydrated Magnesium Bicarbonate Hydroxide), Pokrovskite (Hydrated Magnesium Carbonate Hydroxide), Pyroaurite (Hydrated Magnesium Iron Carbonate Hydroxide), Glaukospherite (Copper Nickel Carbonate Hydroxide), Mcguinnessite (Magnesium Copper Carbonate Hydroxide), Nullaginite (Nickel Carbonate Hydroxide), Rosasite (Copper Zinc Carbonate Hydroxide), Zincrosasite (Zinc Copper Carbonate Hydroxide), Sclarite (Zinc Magnesium Manganese Carbonate Hydroxide), Sergeevite (Hydrated Calcium Magnesium Carbonate Bicarbonate Hydroxide), Sjogrenite (Hydrated Magnesium Iron

Carbonate Hydroxide), Teschemacherite (Ammonia Bicarbonate), Vaterite (Calcium Carbonate), Zaratite (Hydrated Nickel Carbonate Hydroxide), Tetra-n-butylphosphonium hydroxide, Tetra-n-butylammonium hydroxide, Tetramethylammonium hydroxide, Tetraethylammonium hydroxide, Iron (III) oxyhydroxide, Iron (III) hydroxide (gamma), Iron (III) hydroxide (alpha), Potassium hydroxide, Nickel (II) hydroxide, Hexane-1,6- bis (tributylammonium) dihydroxide, Calcium hydroxide, Tetra-n-propylammonium hydroxide, Tetra-n-butylphosphonium hydroxide, Tetra-n-butylammonium hydroxide, Cobalt (tr) hydroxide, Copper (II) carbonate dihydroxide, Copper (II) carbonate (basic), Copper (II) hydroxide, Ammonium hydroxide, Magnesium carbonate hydroxide, Methylboron dihydroxide, Magnesium hydroxide, Molybdenum hydroxide oxide phosphate Calcium phosphate hydroxide, Calcium phosphate tribasic, Calcium hydroxide, Zinc subcarbonate, Zinc carbonate (basic), Zinc carbonate hydroxide, Zinc hydroxide, Potassium bicarbonate, Potassium hydrogen carbonate, Potassium carbonate, Nickel (II) carbonate, Nickel (II) carbonate hydroxide, Nickel (II) carbonate (anhydrous), Nickel (II) carbonate (basic), Manganese (II) carbonate, Magnesium carbonate (basic), Magnesium carbonate hydroxide, Ammonium bicarbonate, Ammonium hydrogen carbonate, Ammonium carbonate, Nickel (II) hydroxide, Calcium phosphate hydroxide, Calcium phosphate tribasic, limestone, Magnesite, lime, slaked lime, magnesium oxide and a combination thereof.

88. (Cancelled)

89. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein the one or more bivalent metallic water-insoluble macronutrient and/or micronutrient-containing compounds of step (a) are one or more metallic carbonates.

90. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein said solution is aqueous based.

91. (Cancelled)

92. (Cancelled)

93. (Cancelled)

94. (Cancelled)

95. (Cancelled)

96. (Cancelled)

97. (Cancelled)

98. (Previously presented) The acidic stock plant nutrient composition of claim 89, wherein the bivalent metallic carbonate is ferrous carbonate.

99. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein the component b) is phosphate salts and/or nitrate salts.

100. (Previously presented) The acidic stock plant nutrient composition of claim 80, wherein the component b) is phosphoric acid and/or nitric acid.

101. (Previously presented) The acidic stock plant nutrient composition of claim 101, wherein the nitrate salts comprise ammonium nitrate.

102. (Previously presented) The diluted acidic plant nutrient solution, which comprises the acidic stock plant nutrient composition of claim 80 in a diluting solvent.

103. (Previously presented) The diluted acidic plant nutrient solution of claim 102, wherein the diluting solvent is water.